PHILIPS Lighting



LuxSpace Accent

RS731B LED12S/840 PSED-VLC-E WB WH

LuxSpace Accent Mini G3, LED module, system flux 1200 lm, 840 neutral white, Power supply unit with DALI interface, DCcompatible for central emergency lighting, visual light communication (VLC) ready, external, Wide beam, White

Retailers are increasingly having to contend with rising energy prices. At the same time, they need to retain the quality of light they are used to, flexibility in architectural integration, and the right light effects to catch the customer's eye. Last but not least, they need future-proof solutions that will enable them to implement differentiating concepts in their store. Delivering high-quality light, punch in the beam and outstanding luminous efficacy, LuxSpace Accent is the ideal energyefficient solution for today's demanding retail environments, covering a wide variety of lighting applications, including CrispWhite for fashion stores and Food recipes for supermarkets.

Product data

General Information		
Lamp family code	LED12S [LED module, system flux 1200 lm]	
Light source replaceable	No	Product family code
Number of gear units	Unit	Lighting Technology
Driver included	Yes	Value ladder
Remarks	*- According to the Lighting Europe guidance	CE mark
	paper 'Evaluating performance of LED based	Warranty period
	luminaires – January 2018': statistically there	Flammability mark
	is no relevant difference in lumen	
	maintenance between the B50 and, for	ENEC mark
	example, the B10. Therefore, the median	Glow-wire test

useful life (B50) value also represents the B10

RS731B [LuxSpace Accent Mini G3]

For mounting on normally flammable

Temperature 650 °C, duration 5 s

value

LED Specification Yes 5 years

surfaces ENEC mark

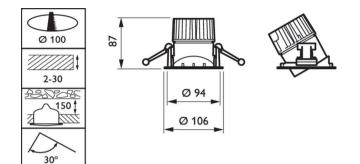
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EU RoHS compliant	Yes
Light Technical	
Luminous Flux	1,250 lm
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	119 lm/W
	≥80
Colour rendering index (CRI)	
Beam angle of light source	120 degree(s)
Light source colour	840 neutral white
Optic type	Wide beam
Optical cover type	-
Luminaire light beam spread	36°
Unified Glare Rating (CEN)	Not applicable
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
Inrush current	5.3 A
Inrush time	0.7 ms
Power Consumption	12 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A type	24
В	
Temperature	
Ambient temperature range	+10 to +40 °C
Cantucla and Dimension	
Controls and Dimming	~
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface, DC-
	compatible for central emergency lighting,
	visual light communication (VLC) ready,
Control links for a	external
Control interface	DALI
Constant light output	No
Mechanical and Housing	
Housing material	Aluminium
Reflector material	Aluminium and polycarbonate
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Optic material	Polycarbonate	
Optical cover/lens material	Polycarbonate	
Fixation material	-	
Housing Colour	White	
Optical cover/lens finish	Clear	
Overall height	86 mm	
Overall diameter	105 mm	
Approval and Application		
Ingress protection code	IP20 [Finger-protected]	
Mech. impact protection code	IK02 [0.2 J standard]	
Sustainability rating	-	
Protection class IEC	Safety class II	
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%	
Initial chromaticity	(0.38, 0.38) SDCM <3	
Power consumption tolerance	+/-10%	
Over Time Performance (IEC Comp	liant)	
Control gear failure rate at median usefu		
life 50,000 h	L 5 76	
Lumen maintenance at median useful	L80	
life* 50,000 h	200	
Application Conditions		
Performance ambient temperature Tq		
	25 ℃	
	25 °C	
Maximum dim level	1%	
Maximum dim level	1%	
Maximum dim level Suitable for random switching	1%	
Maximum dim level Suitable for random switching Product Data	1% Yes	
Maximum dim level Suitable for random switching Product Data Order product name	1% Yes RS731B LED12S/840 PSED-VLC-E WB WH	
Maximum dim level Suitable for random switching Product Data Order product name Full product name	1% Yes RS731B LED12S/840 PSED-VLC-E WB WH RS731B LED12S/840 PSED-VLC-E WB WH	
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Maximum dim level Suitable for random switching Product Data Order product name Full product name Full EOC Order code	1% Yes RS731B LED12S/840 PSED-VLC-E WB WH RS731B LED12S/840 PSED-VLC-E WB WH 871869684770100 84770100	
Maximum dim level Suitable for random switching Product Data Order product name Full product name Full EOC Order code Material no. (12 NC)	1% Yes RS731B LED12S/840 PSED-VLC-E WB WH RS731B LED12S/840 PSED-VLC-E WB WH 871869684770100 84770100 910500457294	
Maximum dim level Suitable for random switching Product Data Order product name Full product name Full EOC Order code Material no. (12 NC) SAP numerator – quantity per pack	1% Yes RS731B LED12S/840 PSED-VLC-E WB WH RS731B LED12S/840 PSED-VLC-E WB WH 871869684770100 84770100 910500457294 1	

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Dimensional drawing





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